

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant:	Luyten et al.	Confirmation No.:	1230
Serial No.:	10/089, 932	Art Unit:	1655
Filed:	July 29, 2002	Examiner:	Amanda P. Wood
Customer No.:	21559		
Title:	IN VIVO ASSAY AND MOLECULAR MARKERS FOR TESTING THE PHENOTYPIC STABILITY OF CELL POPULATIONS, AND SELECTED CELL POPULATIONS FOR AUTOLOGOUS TRANSPLANTATION		

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

REPLY TO OFFICE ACTION

In reply to the Office action that was mailed in connection with the above-captioned patent application on April 21, 2006, applicants submit the following Amendments and Remarks.